

APPENDIX B – POTENTIAL PILOT PROJECTS

December 2015

Strategy
To
Optimize
Resource
Management of
Storm Water

Strategy to Optimize Resource Management of Storm Water

Potential Pilot Projects Identified by Interested Parties

The State Water Board received input from interested parties and Regional Water Board staff asking that specific projects be identified as pilot projects in support of one or more goals of the Storm Water Strategy. These potential projects, organized by region, are summarized in the attached table based on the information provided.

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Potential Pilot Projects Identified by Interested Parties

Region	San Francisco Bay (Region 2)				
Project	Watershed Planning Reasonable Assurance Analysis and Capitol Improvement Planning				
City	Region-wide	County	Multi-County	Watershed	San Francisco Bay Region Watersheds
Proponent	David Smith U.S.EPA			Partners	San Francisco Bay Region, State Water Board
Description	Develop guidance for watershed planning, reasonable assurance analysis and integration into capital improvement planning to assist both Water Board and municipalities in long term planning and compliance evaluations.				
Objectives	Supports Objective 3, establish permit pathways to assess storm water programs and meet water quality requirements.				
Region	Central Coast (Region 3)				
Project	Develop guidance on the use of dry wells for enhanced stormwater infiltration and groundwater augmentation.				
City	Gonzales	County	Monterey	Watershed	Salinas River
Proponent	Dominic Roques, Central Coast Region			Partners	City of Gonzales
Description	Dry wells are a key management tool for allowing storm water runoff to recharge groundwater supply. Contractor is developing engineering details and specifications for a bioretention/dry well combination design using local LID Prop 84 grant project in the City of Gonzales. The City's aquifer is currently in overdraft. Through development of the technical specifications, potential barriers to widespread use of storm water dry wells have been identified, including concerns related to groundwater contamination and requirements for dry well regulation in California.				
Objectives	Supports Objective 1, increase storm water capture and use through regulatory and non-regulatory approaches.				

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Region	Central Coast (Region 3)				
Project	Municipal Stormwater Permitting Support Project				
City	Region-wide	County	Multi-County	Watershed	Central Coast Region Watersheds
Proponent	Dominic Roques, Central Coast Region			Partners	Phase II Permittees
Description	Develop technical guidance to support storm water program effectiveness analysis and adaptive management strategies. Tools and guidance includes instruction for (1) delineating urban catchments,(2) estimating baseline pollutant loads, (3) evaluating relative spatial risk and (4) quantifying load reductions associated with water quality improvement actions				
Objectives	Supports Objective 3, establish permit pathways to assess storm water programs and meet water quality requirements.				
Region	Los Angeles Region (Region 4)				
Project	Santa Clara Reach 1 Project				
City	Oxnard	County	Ventura	Watershed	Santa Clara River
Proponent	Nina Danza			Partners	Multiple potential partners
Description	This project would integrate levee improvements for urban flood protection, habitat restoration, recreation and storm water education and outreach with storm water capture and groundwater recharge. This project is in the conceptual stages.				
Objectives	Supports Objective 1, increase storm water capture and use through regulatory and non-regulatory approaches and Objective 2, increase stakeholder collaboration on watershed scale.				

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Region	Los Angeles Region (Region 4)				
Project	Opportunities and Barriers to Increasing Stormwater Capture and Use				
City	Lakewood	County	Los Angeles	Watershed	Los Cerritos Channel
Proponent	California Council on Environmental and Economic Balance			Partners	Multiple potential partners
Description	Uses a project designed to construct an underground cistern and possible infiltration gallery and blend captured storm water with reclaimed water for irrigation, to displace potable and supplement recycled water sources to examine the regulatory and non-regulatory barriers to the capture and use of storm water in downstream pressure zones.				
Objectives	Supports Objective 1, increase storm water capture and use through regulatory and non-regulatory approaches; Objective 2, increase stakeholder collaboration on watershed scale; Objective 3, establish permit pathways to assess storm water programs and meet water quality requirements; and Objective 4, establish financially sustainable storm water programs				
Region	Central Valley Region (Region 5)				
Project	South County Agriculture Water Recycling Program				
City		County	Sacramento	Watershed	Consumnes and Sacramento Rivers
Proponent	Sacramento Regional Sanitation District (Terrie Mitchell)			Partners	
Description	Project will provide 50,000 acre-feet per year of recycled water and offers multiple benefits, such as groundwater recharge and storage, irrigation of agricultural and habitat lands with recycled water in lieu of continued groundwater pumping; and restoration and preservation of riparian habitat along the lower reaches of the Consumnes River				
Objectives	Supports Objective 1, increase storm water capture and use through regulatory and non-regulatory approaches.				

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Region	Statewide			
Project	Evaluation of Zinc Sources in Urban Runoff			
City		County		Watershed
Proponent	California Storm Water Quality Association & State Water Board		Partners	Department of Toxic Substances Control
Description	Project to work with the Department of Toxic Substance Control (DTSC) through their Safer Consumer Product Regulations petition process to add zinc to the DTSC Candidate Chemical List or zinc products contributing to urban runoff to the DTSC Priority Products List.			
Objectives	Supports Objective 6, increase source control and pollution prevention			